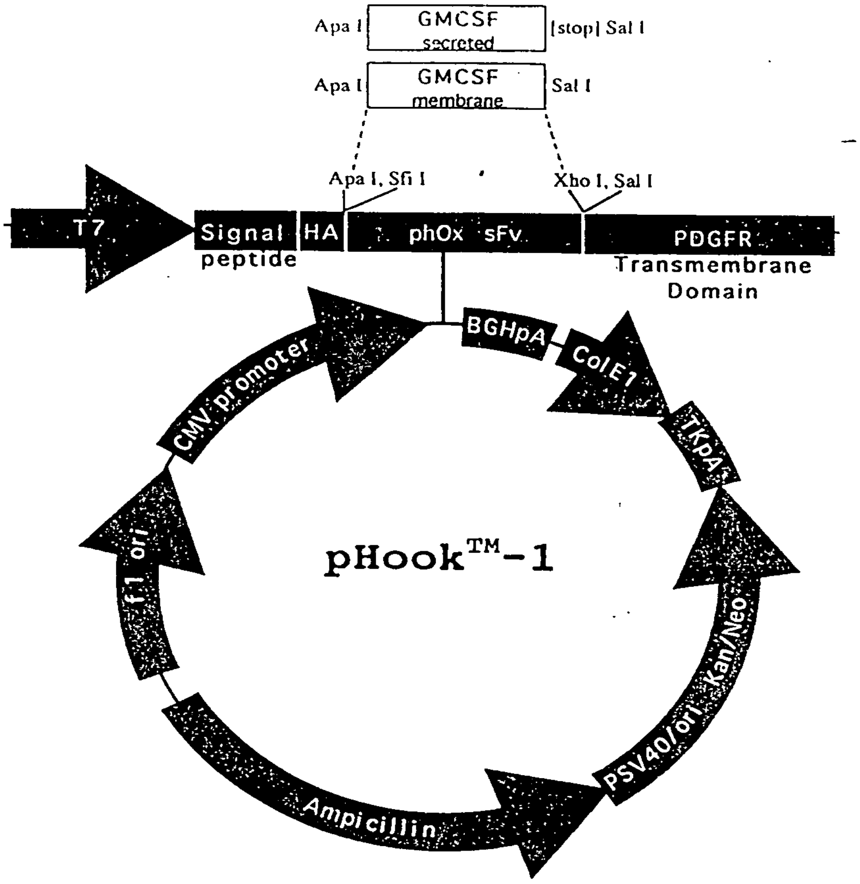
Inventor: William Soo Hoo
Docket #: P-IM 2442

A.



B.

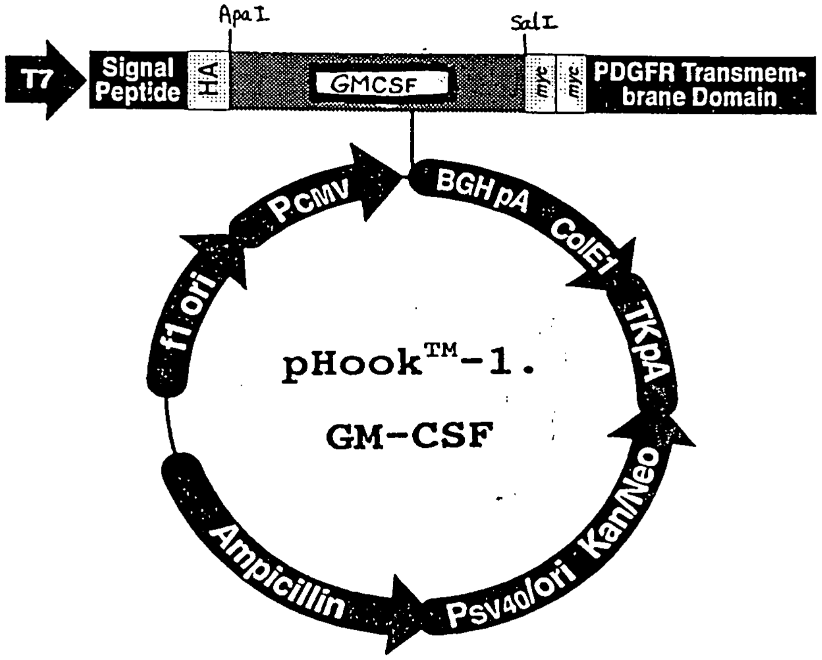


Figure 1

```
        10         20         30         40         50         60         70         80         90        100
         *          *          *          *          *          *          *          *          *          *
ATGGAGACAG ACACACTCCT GCTATGGGTA CTGCTGCTCT GGGTTCCAGG TTCCACTGGT GACTATCCAT ATGATGTTCC AGATTATGCT GGGGCCCAAG
 M  E  T   D  T  L  L   L  W  V   L  L  L   W  V  P  G   S  T  G   D  Y  P   Y  D  V  P   D  Y  A   G  A  Q
|<------- murine kappa light chain signal sequence ------------------------------------------------------>
       110        120        130        140        150        160        170        180        190        200
         *          *          *          *          *          *          *          *          *          *
CACCCACCCG CTCACCCATC ACTGTCACCC GGCCTTGGAA GCATGTAGAG GCCATCAAAG AAGCCCTGAA CCTCCTGGAT GACATGCCTG TCACGTTGAA
 A  P  T  R   S  P  I   T  V  T   R  P  W  K   H  V  E   A  I  K   E  A  L  N   L  L  D   D  M  P   V  T  L  N
|<- mouse GMCSF ---------------------------------------------------------------------------------------
       210        220        230        240        250        260        270        280        290        300
         *          *          *          *          *          *          *          *          *          *
TGAAGAGGTA GAAGTCGTCT CTAACGAGTT CTCCTTCAAG AAGCTAACAT GTGTGCAGAC CCGCCTGAAG ATATTCGAGC AGGGTCTACG GGCAATTTC
 E  E  V   E  V  V   S  N  E  F   S  F  K   K  L  T   C  V  Q  T   R  L  K   I  F  E   Q  G  L  R   G  N  F
-------------------------------------------------------------------------------------------------------
       310        320        330        340        350        360        370        380        390        400
         *          *          *          *          *          *          *          *          *          *
ACCAAACTCA AGGGCGCCTT GAACATGACA GCCAGCTACT ACCAGACATA CTGCCCCCCA ACTCCGGAAA CGGACTGTGA AACACAAGTT ACCACCTATG
 T  K  L   K  G  A  L   N  M  T   A  S  Y   Y  Q  T  Y   C  P  P   T  P  E   T  D  C  E   T  Q  V   T  T  Y
-------------------------------------------------------------------------------------------------------
       410        420        430        440        450        460        470        480        490        500
         *          *          *          *          *          *          *          *          *          *
CGGATTTCAT AGACAGCCTT AAAACCTTTC TGACTGATAT CCCCTTTGAA TGCAAAAAAC CAGGCCAAAA AGTCGACGAA CAAAAACTCA TCTCAGAAGA
 A  D  F  I   D  S  L   K  T  F   L  T  D  I   P  F  E   C  K  K   P  G  Q  K   V  D  E   Q  K  L   I  S  E  E
---------------------------------------------- mouse GMCSF ------->|
       510        520        530        540        550        560        570        580        590        600
         *          *          *          *          *          *          *          *          *          *
GGATCTGAAT GCTGTGGGCC AGGACACGCA GGAGGTCATC GTGGTGCCAC ACTCCTTGCC CTTTAAGGTG GTGGTGATCT CAGCCATCCT GGCCCTGGTG
 D  L  N   A  V  G   Q  D  T  Q   E  V  I   V  V  P   H  S  L  P   F  K  V   V  V  I   S  A  I  L   A  L  V
                                                                      |<--- PDGFRβ transmembrane domain...
       610        620        630        640        650        660        670        680        690
         *          *          *          *          *          *          *          *          *
GTGCTCACCA TCATCTCCCT TATCATCCTC ATCATGCTTT GGCAGAAGAA GCCACGTTAG GCGGCCGCTC GAGATCAGCC TCGACTGTGC CTTCTAG
 V  L  T   I  I  S  L   I  I  L   I  M  L   W  Q  K  K   P  R  *   A  A  A   R  D  Q  P   R  L  C   L  L
   transmembrane domain ------------------------------>|
```

Figure 2

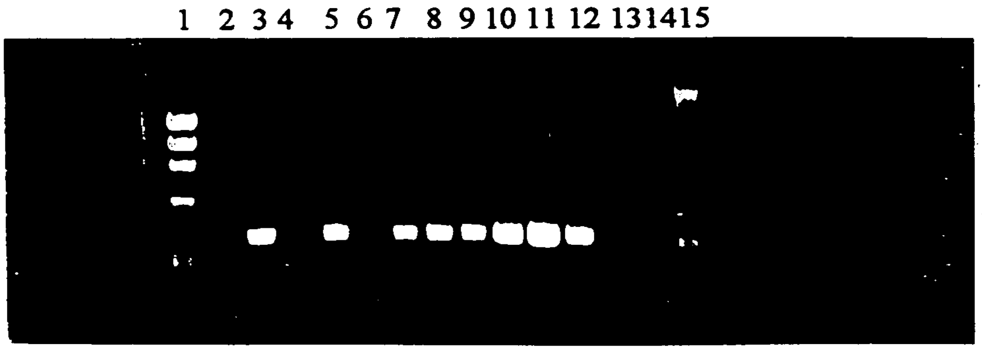


Figure 3

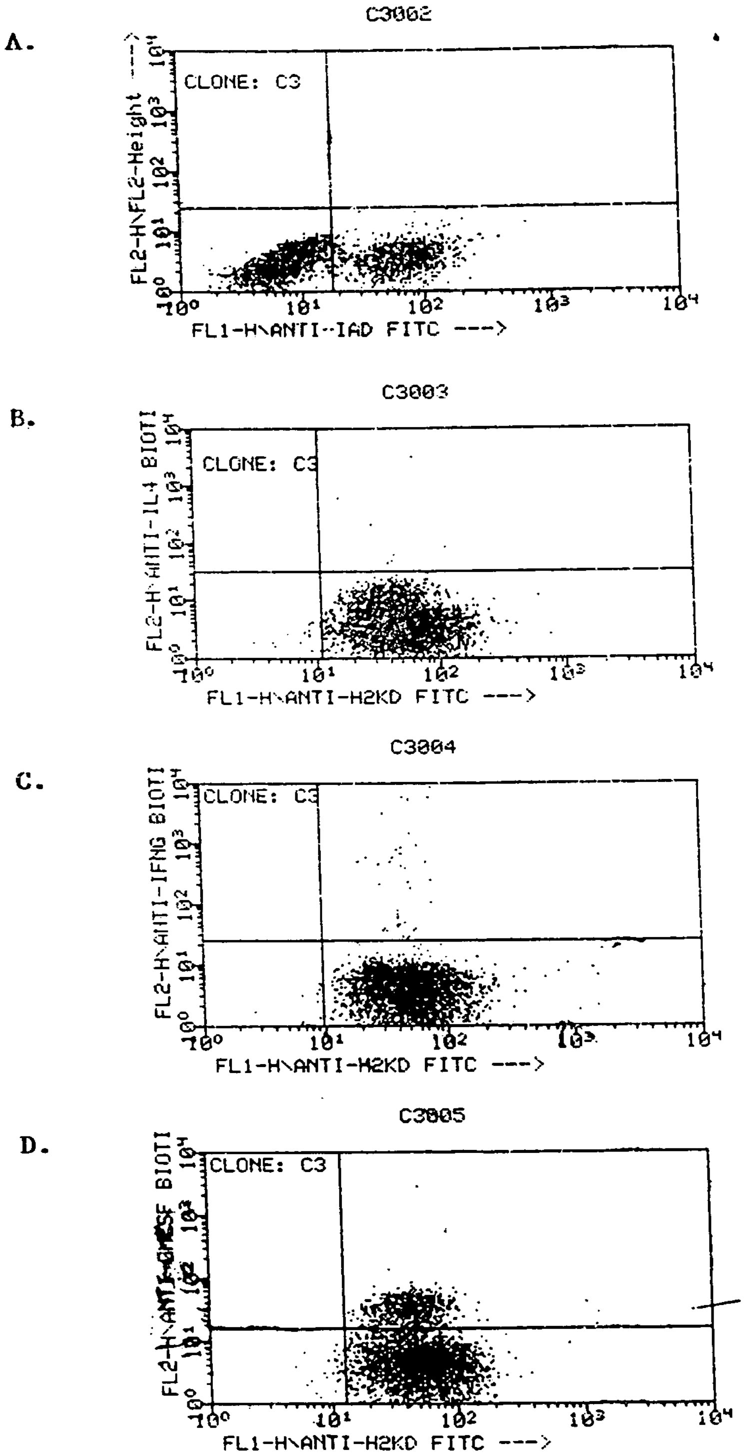

A.
C3002
CLONE: C3
FL2-H\FL2-Height --->
FL1-H\ANTI-IAD FITC --->
B.
C3003
CLONE: C3
FL2-H\ANTI-IL4 BIOTI
FL1-H\ANTI-H2KD FITC --->
C.
C3004
CLONE: C3
FL2-H\ANTI-IFNG BIOTI
FL1-H\ANTI-H2KD FITC --->
D.
C3005
CLONE: C3
FL2-H\ANTI-GMCSF BIOTI
FL1-H\ANTI-H2KD FITC --->
10^0
10^1
10^2
10^3
10^4

Figure 4